

Attachment 9 Past Performance

Attachment 9, Table 9-1, describes YVWD's past performance managing grant projects similar to the LGA. These projects have been on-going within the last five years and are all on budget and will be completed on time. Project descriptions are included below. An example of how YVWD completed tasks from the Yucaipa Valley Regional Brineline Project within the time allotted and within the budget provided follows below in Figure 9-2 .

Figure 9-1: Past Performance

| Agency | Project | Completed Within Time Allotted | Completed Within Budget Provided | Past Performance Evaluation Included |
|------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| US EPA | YVWD Non-Potable Water Infrastructure and Habitat Enhancement Project | The grant deadline is Dec 2012. The project is in progress and will be completed on time. | \$7,794,847 grant amount (55% fed share and 45% and local). Project will be completed within budget. | Quarterly Report, Project Period: January 2012 through March 2012 |
| USBR (ARRA) | Yucaipa Valley Regional Brine Line (Phases 1, 2, and 3) | The grant deadline is August 2012 and it will be completed on time. | \$4,138,006 grant amount. Project will be completed within budget. | YVWD, Construction Progress Report, May 2012 |
| Proposition 50 (SAWPA) | Yucaipa Valley Regional Brine Line Extension (Phases 1, 2, and 3) | Project will be completed by August 2012 per USBR grant requirements. | \$3. 9 million grant amount. Project will be completed within budget. | Grant Progress Report, SAWPA, January 1, 2012 to March 31, 2012 (SAWPA is administering this grant. YVWD's Progress Reports are incorporated into SAWPA Report) |

Project Descriptions

YVWD Non-Potable Water Infrastructure and Habitat Enhancement Project (USEPA)

The project being funded with the assistance of the EPA grant includes preparation of the CEQA/NEPA compliance documents, and design and construction of the project components, which are being installed in two phases described as follows:

Phase I System

The Phase I recycled water distribution system was completed in 2004 to serve non-potable water distributed through a system ultimately will be a blend of advanced tertiary treated wastewater (recycled water) generated at the Wochholz WRF, untreated surface water, untreated imported water from the State Water Project, and to a lesser degree, non-potable groundwater pumped from the Yucaipa Management Zone Groundwater Basin. Operation of

the Phase I system began in 2002 and the District currently serves approximately 1,000 af per year of non-potable water directly for irrigation.

Phase II System

The Phase II system includes the facilities necessary to connect the Wochholz WRF to the existing Phase I Recycled Water Distribution system. Recycled water demands to be satisfied through the system will ultimately be increased to serve over 9,000 afy with build-out of the planned developments.

Objectives and Benefits

There are several objectives and benefits that will be derived from the project, described as follows:

- Reduce dependency on high quality groundwater
- Preserve groundwater supplies for potable use during periods of drought
- Minimize quantity of water imported from Northern California through the State Water Project
- Reduce groundwater overdraft conditions that exist in the Yucaipa Valley
- Reduce energy consumption by using recycled water rather than the State Water Project
- Satisfy “Max Benefit” commitment made to the RWQCB
- Fulfill state law mandates for reuse of treated wastewater plant effluent

Yucaipa Valley Regional Brine Line, Phases 1, 2, and 3 (USBR [ARRA])

The Yucaipa Valley Regional Brineline is a component of the Yucaipa Valley Regional Water Supply Renewal Project, which is an innovative salinity control project that will effectively eliminate mineral buildup in the Yucaipa Groundwater Basin. The other project components include a desalination facility at the RWRF and an expansion of the existing Non-potable Water Distribution System. The Recipient currently meets its water supply needs by pumping groundwater and by importing approximately 6,100 acre-feet per year of State Water Project water, 5,000 acre-feet per year is treated and delivered for potable use and about 1,100 acre-feet per year is for non-potable water use. The recipient is limited on the amount of recycled water that can be used due to salinity issues. The desalination facility and Brineline will allow the Recipient to serve recycled water instead of imported for non-potable water.

Yucaipa Valley Regional Brine Line, Phases 1, 2, and 3 - Proposition 50 (SAWPA)

The brineline includes the extension of the existing Santa Ana Regional Interceptor (SARI) pipeline from the City of San Bernardino Wastewater Treatment Plant to the Wochholz WRF to collect waste brine and excess non-potable flow and convey them directly to the ocean for disposal. Ultimately, the goal of this project is to remove the brine primarily made up of total dissolved solids and nitrates from the Yucaipa Groundwater Basin and prevent poor-quality groundwater from moving downgradient and contaminating the Santa Ana groundwater basin.

The Yucaipa Valley Water District (District) is implementing the proposed brineline project in the following three phases:

- ✓ Phase 1 includes a 12-inch diameter pipeline from the RWRF along Live Oak Canyon Road to San Timoteo Canyon Road. This phase will include a second parallel 12-inch diameter pipeline to convey water to maintain habitat in San Timoteo Creek.
- ✓ Phase 2 includes a 16-inch diameter pipeline along San Timoteo Canyon Road and flood control right-of-way to intersection of California Street in the City of Redlands.
- ✓ Phase 3 includes a 20-inch diameter pipeline along public right-of-way to connect with the Santa Ana Regional Interceptor (SARI) near the City of San Bernardino Wastewater Treatment Plant.

Managing Grant Projects within Budget and Time Allotted

A portion of the funding for the Yucaipa Valley Regional Brineline is being provided by the American Recovery and Reinvestment Act of 2009 (ARRA) through the US Bureau of Reclamation. One of the conditions of the ARRA Grant is to have the project construction completed by August 2012. To be eligible for the ARRA Grant, the District was able to successfully accelerate the project to comply with the schedule requirements. Figure 9-2 below gives specific examples of how tasks were completed within the time and budget allotted.

Figure 9-2: Example of How Tasks were completed Within Time and Budget Allotted

| Task | Performance |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Environmental Compliance | District worked with the staff at the USBR to utilize previously prepared environmental documents for facilities that were in the same general location as the Regional Brineline. This included the EIR/EIS prepared for YVWD and EPA for the “Regional Non-Potable Water Distribution System project” that was approved in 2006, and the MND certified by YVWD for the Regional Brineline and RO facility. Using these documents the District was able to consult with and obtain a “ <i>may affect, not likely to adversely affect</i> ” determination from the US Fish and Wildlife Service without having to prepare additional studies or mitigation. Field monitors were hired by the District to ensure that mitigation measures were implemented during construction. |
| 2. Design | The approximately 15-mile long Regional Brineline was design to be bid in three phases to reduce the dollar size of the bid packages that allowed many more construction contractor to be able to bid the project. This increases competition, resulted in a reduced construction cost and enabled the design team to complete sections of the project sooner. |
| 3. Construction | The District worked with the each of the successful general contractors to allow for multiple construction crews to work at the same time to ensure that the overall schedule was met. Construction teams worked at both ends of the pipeline at the same time, as well as separate work crews were dedicated to install critical crossing without impeding the progress being made on the longer stretches of pipe installation. |
| 4. Reporting | The District hired consultants to administer the various construction grants and loans to ensure reporting deadlines were met and financial disbursements took place in a timely manner. Monthly Progress Reports from the Construction Management Team were modified to correspond to the format required by the funding agencies. This greatly minimized the effort needed for reporting. |